



# Move Tucson Plan Overview





## WHAT IS MOVE TUCSON?

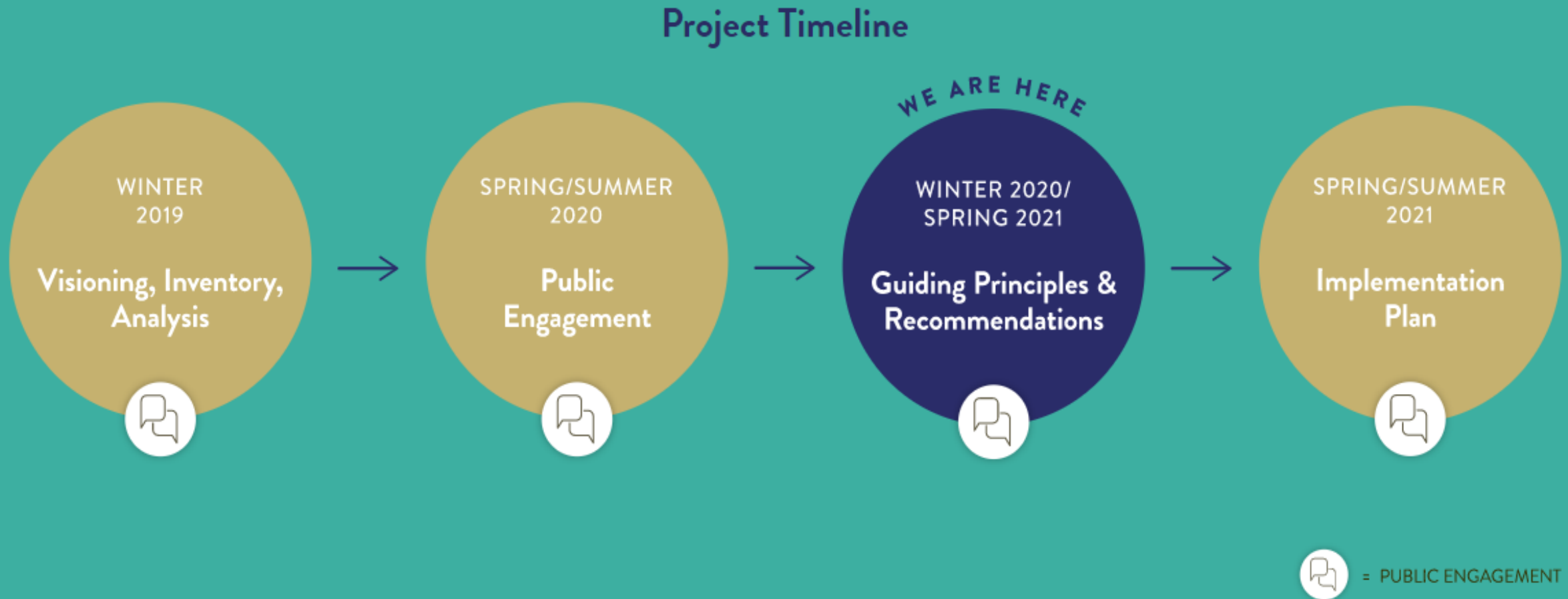
Move Tucson is the City of Tucson's 20+ year transportation plan

### Outcome of Move Tucson

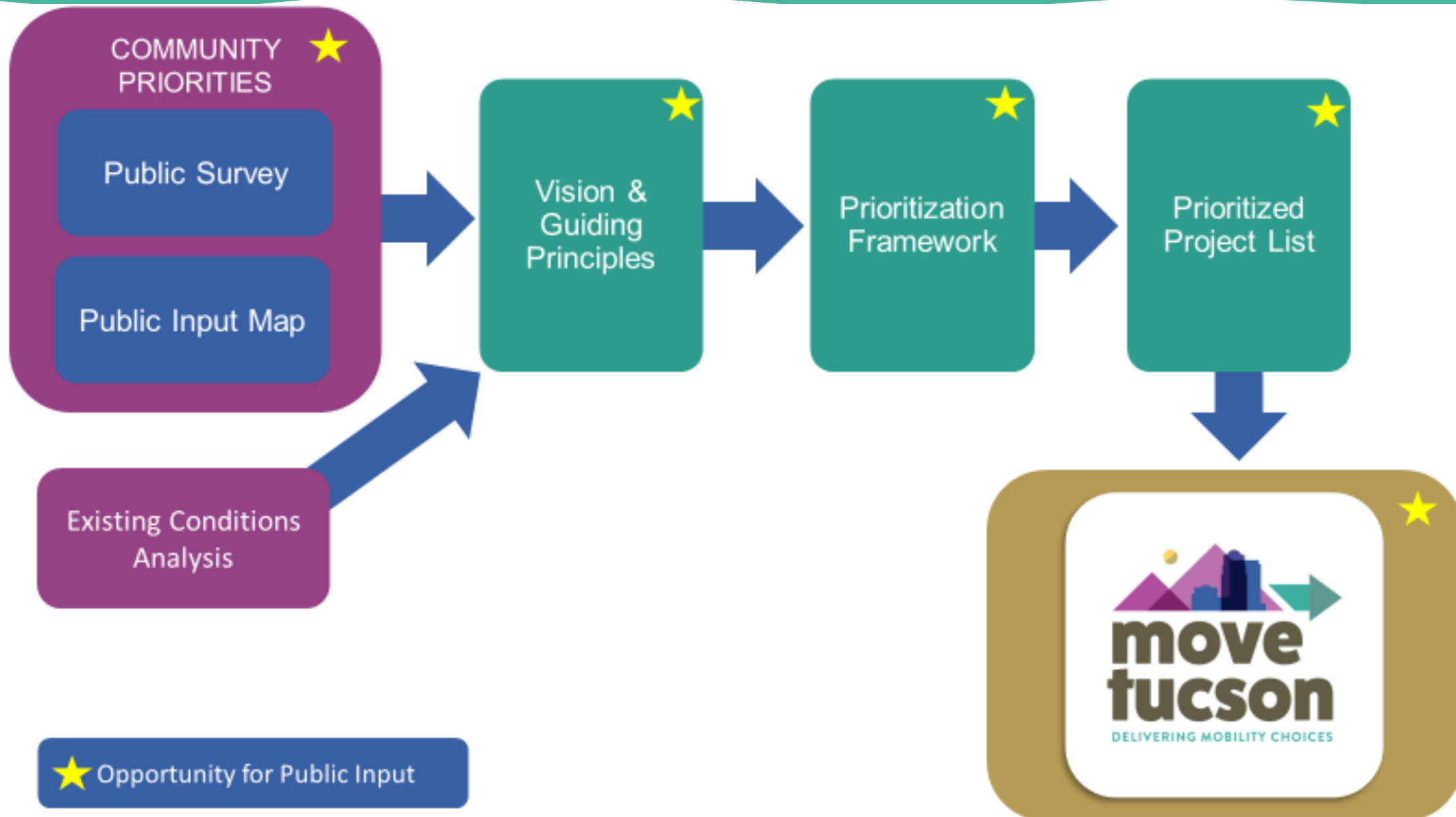
- Prioritized list of projects and programs



# PROJECT TIMELINE



# PLAN PROCESS





# COMPLETE STREETS COORDINATING COUNCIL

- Public Oversight Committee for Move Tucson
- 20 Members
  - 17 voting
  - 3 non-voting
- Appointed through application process to represent different perspectives and areas of the City of Tucson



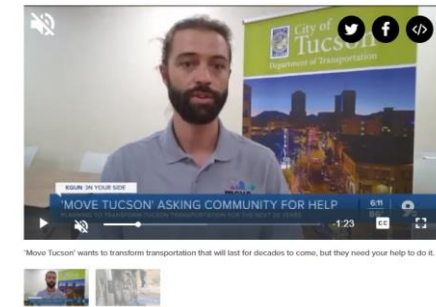
# OUTREACH EFFORTS

Outreach methods included:

- Developed **PSA-style promotions** for both Spanish and English TV, print, and radio media;
- Hosted live bilingual **virtual town hall** events;
- Organized **virtual meetings** with neighborhood associations and civic/business organizations;
- **Engaged Ward offices** to help share information with their constituents;
- Reached out directly to **neighborhood leaders** by phone and email;
- Created and boosted both general and targeted **social media content**; and
- Worked with the **Street Ambassadors** to expand participation in areas of our community where barriers to participation are highest.



**'Move Tucson' to transform transportation with community's help**



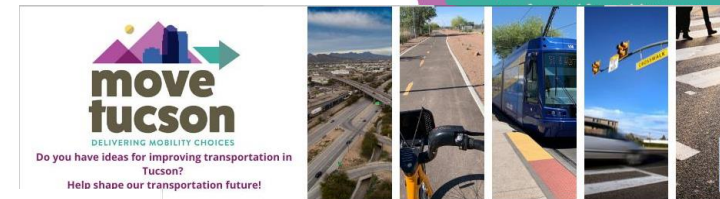
**OPERATION SAFE ROADS  
COMMUNITY PARTNERS**

- ARIZONA DEPARTMENT OF TRANSPORTATION
- ORO VALLEY POLICE DEPARTMENT

**JUEVES 28 DE MAYO  
12PM: ESPAÑOL  
6PM: BILINGÜE**

**tucson**  
DELIVERING MOBILITY CHOICES

¡Esta es su oportunidad de ayudar a



Univision Arizona  
June 1, 2020 · 6

Participe en la encuesta y dígame a la alcaldía lo que Tucson necesita para mejorar todas las formas de transporte.

Mayor Regina Romero, alcaldesa de Tucson nos explica de qué se trata el programa #MoveTucson y cómo participar.



8 Comments 7 Shares

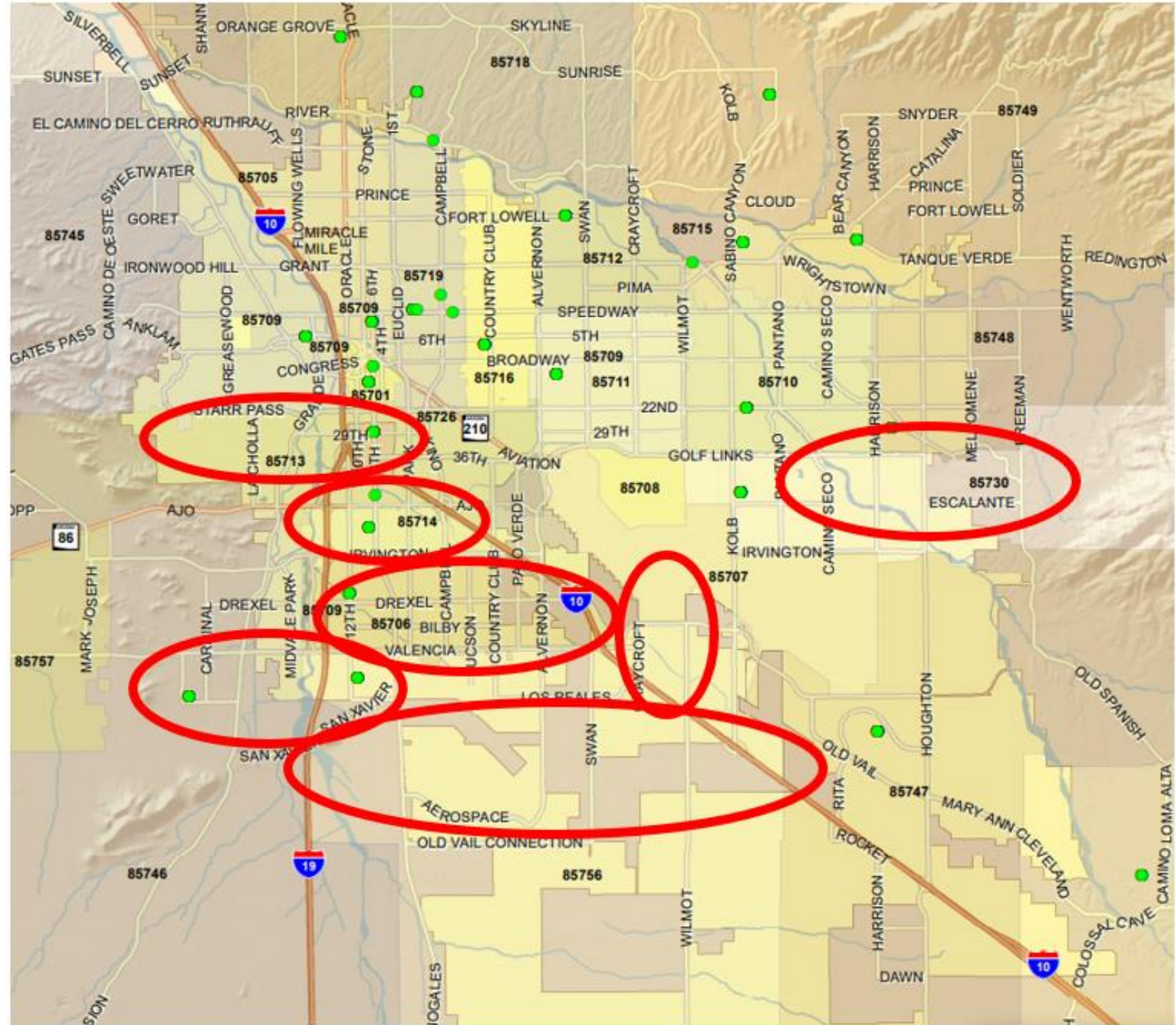
8 Comments 7 Shares

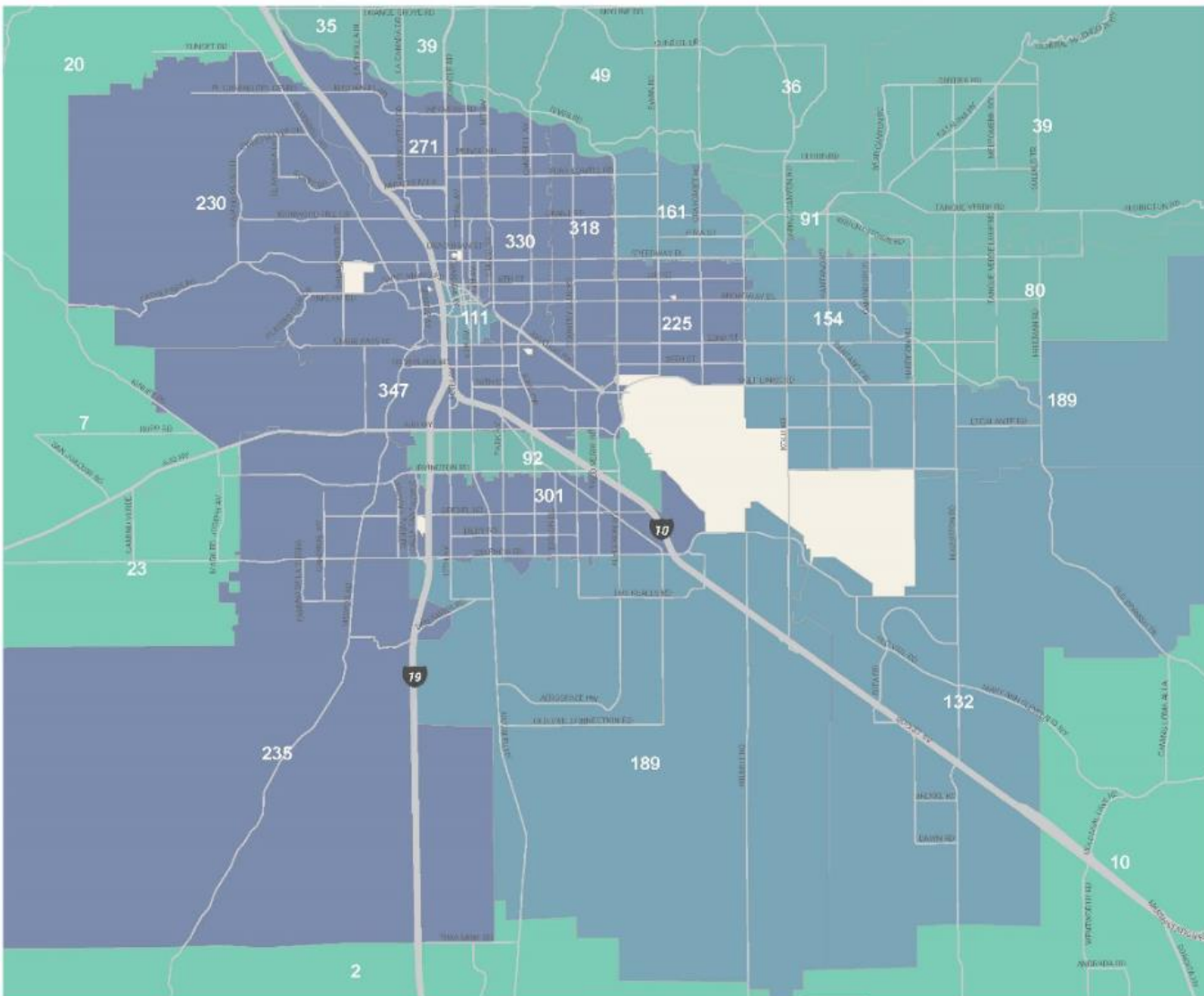




Focused additional resources  
to areas with highest barriers  
to participation

85706
85713
85756
85746
85714
85730





## SURVEY RESPONSES BY ZIP CODE

TUCSON MOBILITY MASTER PLAN

### Number of Survey Responses

Count

- 1 - 29
- 30 - 92
- 93 - 189
- 190 - 347



# Phase 1 Public Input

*March-August 2020*

## Survey Responses:

- 4560

## Total Outreach Hours:

- 400

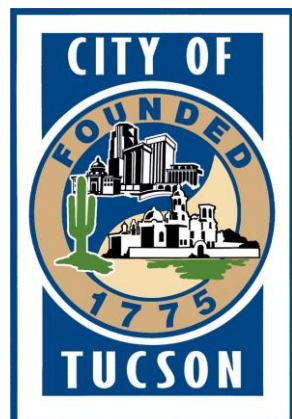


Figure 1: Move Tucson Survey Responses by Zip Code



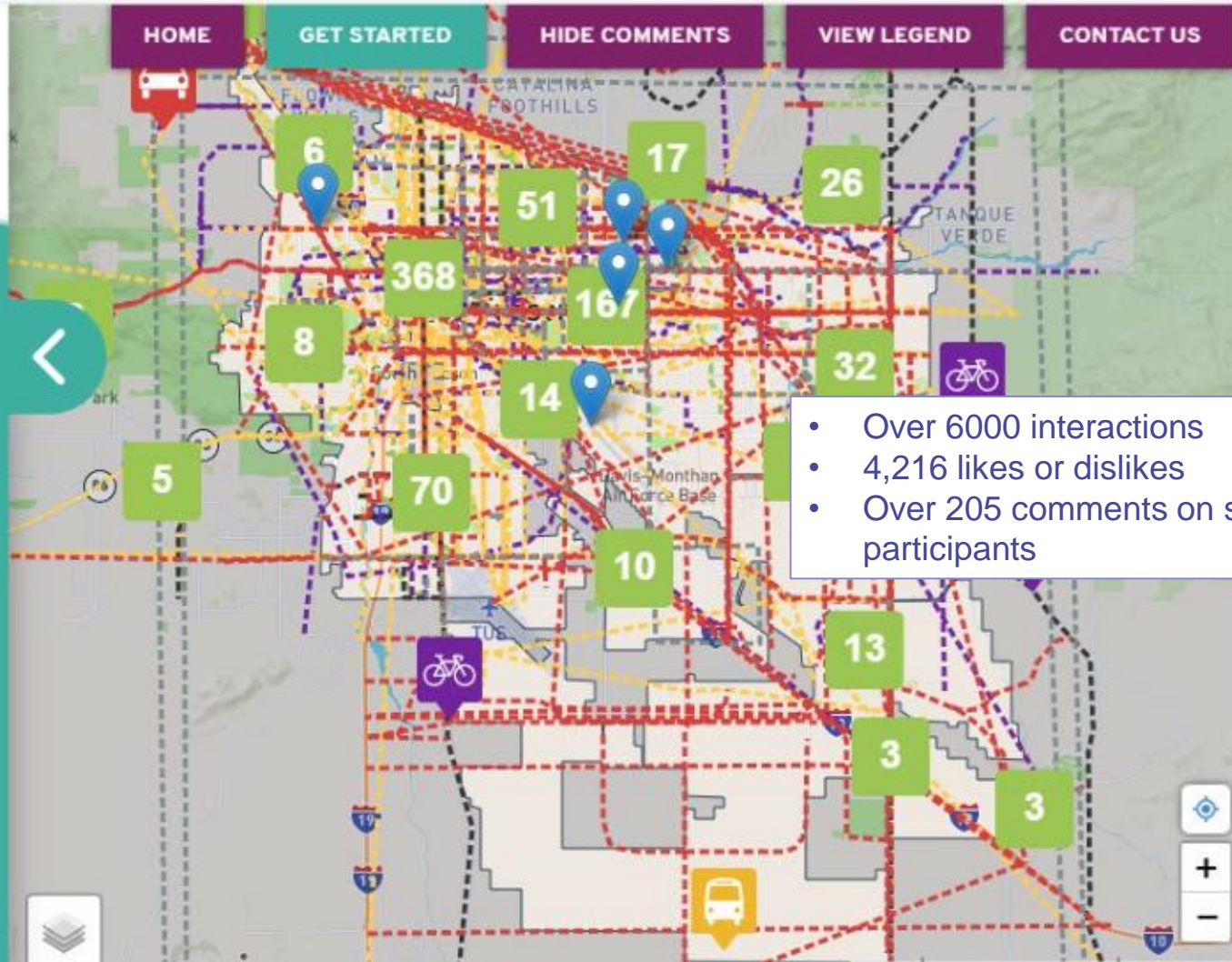
## Add your ideas to the map!

The City of Tucson is growing. As more residents, students, and visitors travel along our roadways and trails, how can we improve safety, improve reliability, and increase mobility options on our streets?

The map is now closed for comments, but you can still review all public comment submissions



To learn more about Move Tucson and how to get involved, visit: [MoveTucson.org](https://MoveTucson.org)

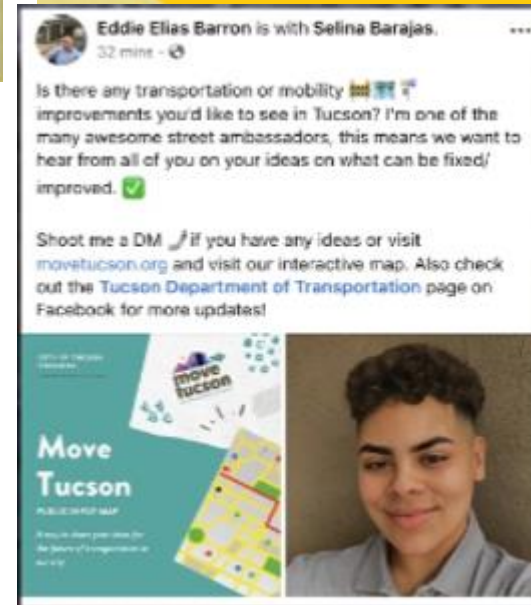


- Over 6000 interactions
- 4,216 likes or dislikes
- Over 205 comments on suggestions from other participants





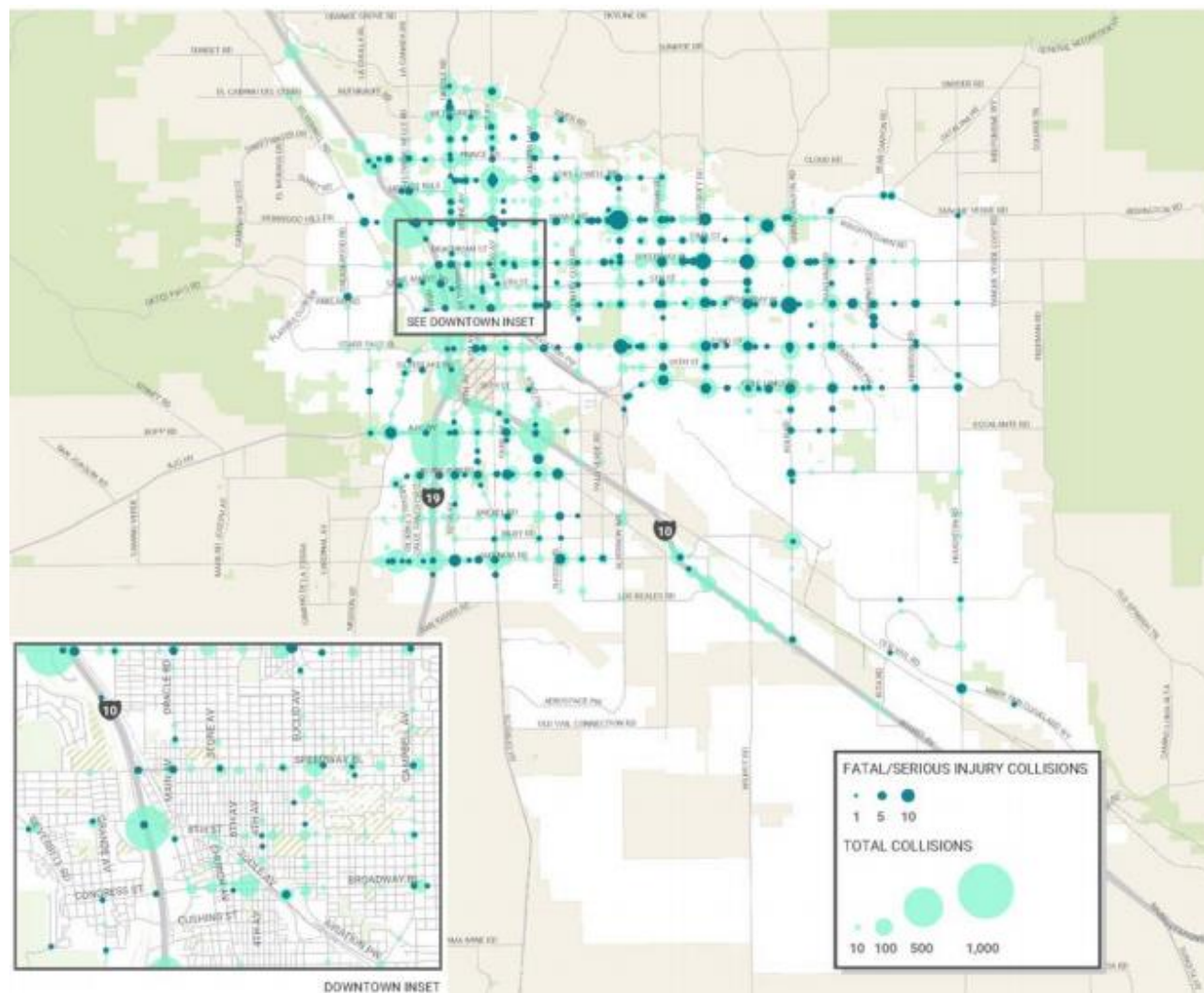
# MOVE TUCSON – STREET AMBASSADORS





# EXISTING CONDITIONS SUMMARY

- More than **1,700** people were seriously injured or killed on Tucson's streets from 2014-2018 –72% of which occurred on major streets
  - Pedestrian serious injuries/fatalities **increased by 90%** during this period
- **68%** of roads are in poor condition
- **45%** of major roads lack sidewalks on one or both sides
- **92%** of roadways have greater than ¼ mile between safe pedestrian crossings
- Only **9%** of the road network is currently congested during peak hour
- **70%** of major roadways are high stress for bicyclists
- **46%** of Tucsonans live within a 10-minute walk of a frequent transit stop





# SUMMARY OF PHASE 1

## What we learned...

Tucson can dramatically shift how the City invests in transportation and how people get around each day. There is a clear desire and opportunities for:

- increasing travel choices,
- improving safety, and
- investing in the infrastructure we already have.



**Safety:** Too many people are killed or injured on Tucson's streets. People walking and biking are disproportionately impacted by serious crashes.













**Maintenance:** Tucson's transportation system is aging. The community continues to call for investments to improve pavement quality, repair sidewalks, and upgrade bus stops, among others.

**Efficiency:** Tucson does not have a congestion problem. Most traffic growth can be accommodated by updating traffic signals and modernizing corridors without major road widenings.

**Choices:** Tucsonans desire high-quality travel options. A lack of comfortable, connected, and accessible infrastructure presents significant barriers for people, especially for the most vulnerable community members.

# MOVE TUCSON GUIDING PRINCIPLES

## Move Tucson's Draft Guiding Principles

-  **Authentic** 
-  **Connected** 
-  **Optimized** 
-  **Safe** 
-  **Equitable** 
-  **Resilient** 



# Project Prioritization

## PRIORITIZATION PROCESS

- **STEP 1:** Identify Projects
- **STEP 2:** Measure the Street Network
- **STEP 3:** Develop Project Calibration Tool
- **STEP 4:** Score Projects Using Network Screen and Calibration Tool
- **STEP 5:** Create Implementation Plan

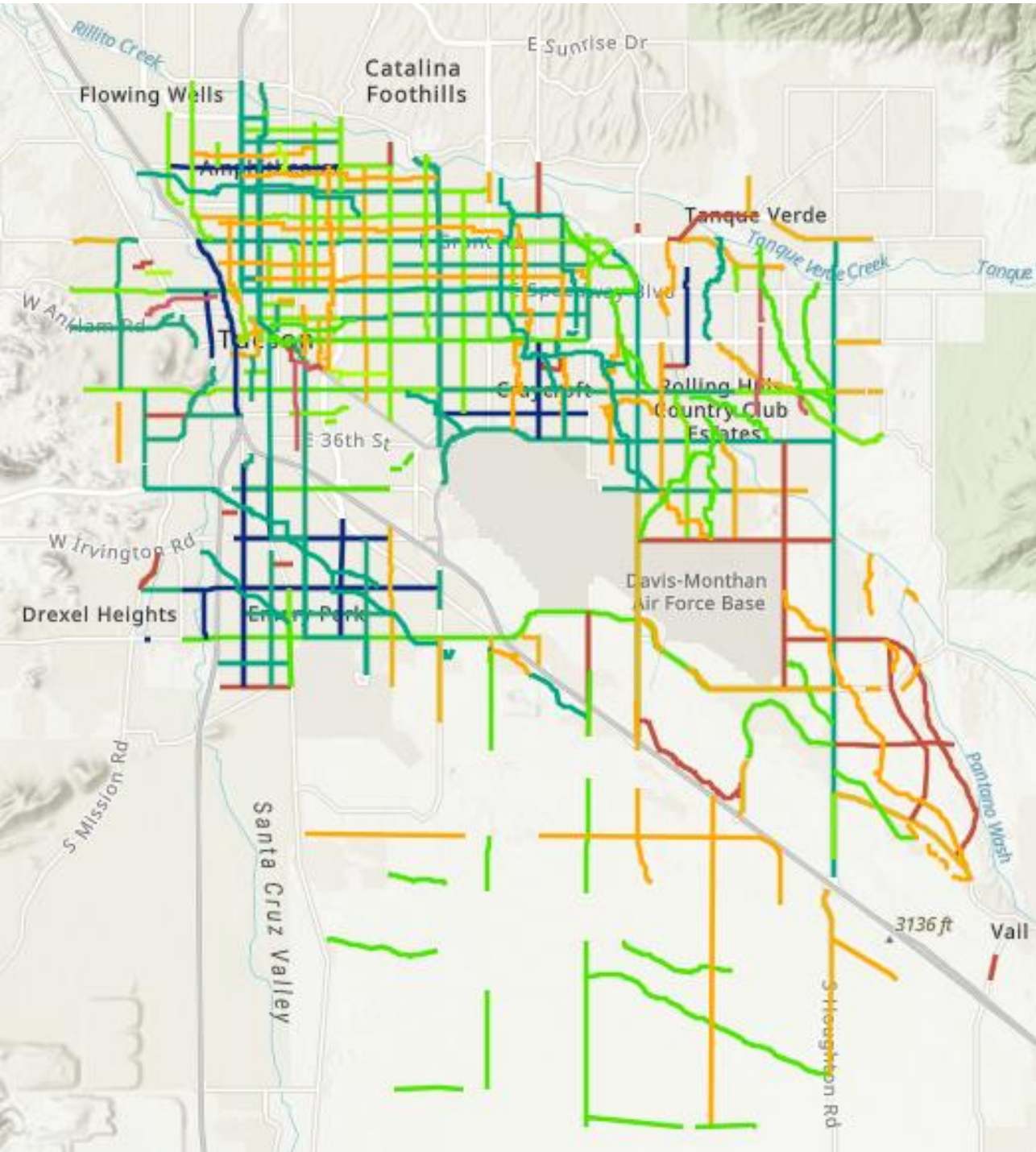




# STEP 1: Identify Projects

## Projects come from

- Existing Conditions Analysis
- Move Tucson Public Input
- Existing modal plans



# Project Prioritization

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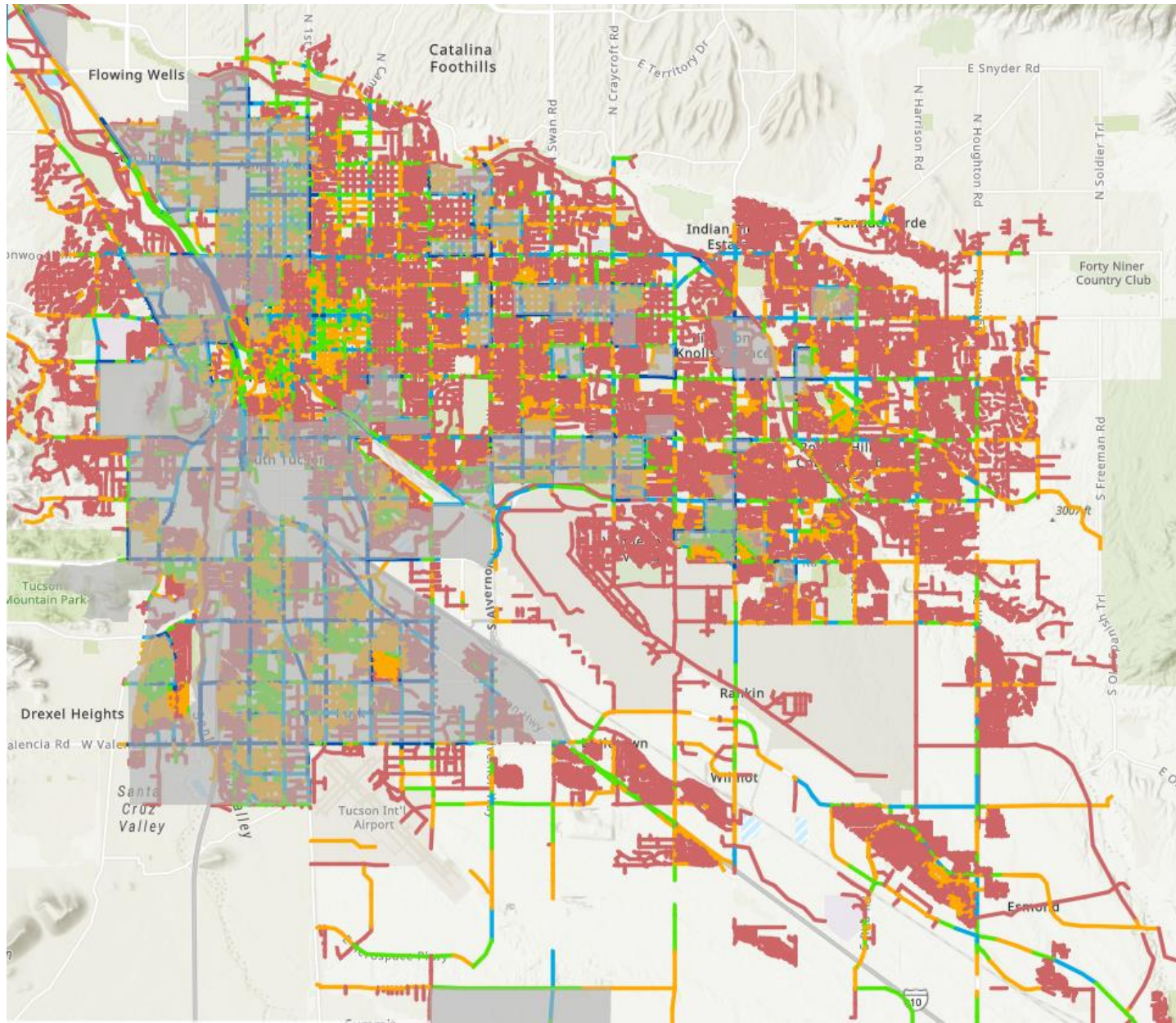
# STEP 2: Measure the Street Network

Guiding Principle	Measure	Scoring Notes	Total Points
Connected	How many modal networks can be improved or further supported?	Scores reflect opportunities to improve identified deficiencies in the bicycle, pedestrian, transit, or motor vehicle networks.	10
Optimized	What opportunities are available to optimize the network so it can serve more people?	Scores reflect opportunities to address congestion (motor vehicles) or excess capacity (bicycle, pedestrian, transit) today or in the future.	10
Safe	Does the roadway have a history of serious crashes? ( <i>Crash Severity</i> )	Scores reflect roads with a history of fatal or serious injury crashes.	10
	Does the roadway have a history crashes? ( <i>Crash Frequency</i> )	Scores reflect roads with a greater frequency of crashes	10
Resilient	Can the network better support short, local trips?	Scores reflect opportunities to support connections in area of high demand.	10
Equitable	Is the network located within an equity focus area?	Segments within equity focus areas will have their score increased (200%)	X2





# STEP 2: Measure the Street Network



## Legend

Equity\_200

42.000001 - 90.000000

28.000001 - 42.000000

18.000001 - 28.000000

8.000001 - 18.000000

0.000000 - 8.000000

☒ Reference: Equity

Legend

Opacity



MoveTucson.org

## Project A



## Project B



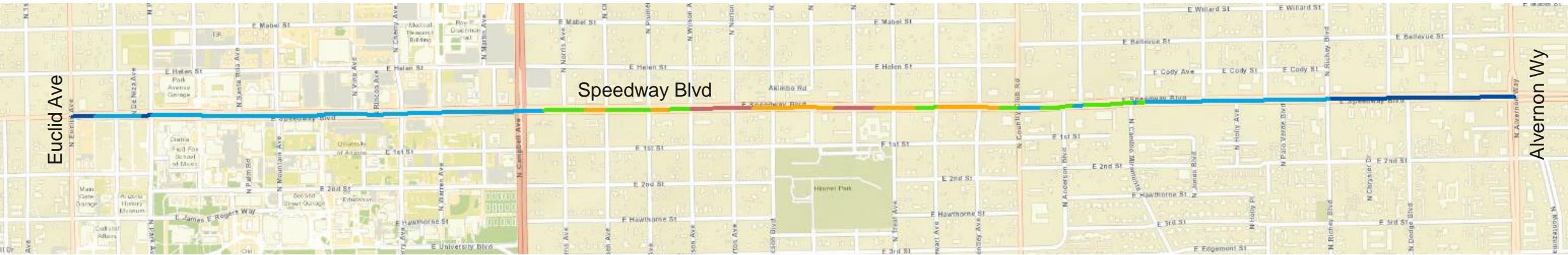
# STEP 2: Measure the Street Network

## Project Example:

## Speedway between Euclid and Alvernon

- Highest Priority (42+ Point)
- Higher Priority (28-42 Point)
- (18-28 Points)
- Lower Priority (8-18 Points)
- Lowest Priority (0-8 Points)

### Network Screening Results



## Catalyst Corridor – Modernization






Improve bicycle and pedestrian facilities. Upgrade lighting and landscaping where needed. Increase safe crossing opportunities.



# STEP 2: Measure the Street Network

## Project Example:

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## Catalyst Corridor – Modernization

Improve bicycle and pedestrian facilities. Upgrade lighting and landscaping where needed. Increase safe crossing opportunities.

Network Screening Score: 27.59

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# STEP 3: Develop Project Calibration Tool

Guiding Principle	Criteria	Points Available	Measure
Authentic	Public Support and/or Ward Support	3	Identified in Public Comments: 2 points Identified as Ward Office Priority: 1 point
Authentic	Human-centered Design	2	Roads with 5 or fewer lanes, < 20K ADT, and Commercial Zoning, Greenways, Bike Blvds,: 2 points
Connected	Gap Closure	2	Closes network gap: 2 points *Connecting existing or programmed low-stress segments (LTS, Prop 407, Shared Use Paths)
Optimized	Pavement Quality	2	Very Poor or Failing: 2 points
Optimized	Cost-Effectiveness	9	Cost Effectiveness: 9 points Ratio of Priority Score and Project Cost
Resilient	Heat Mitigation	2	50%+ of project is located in a high heat severity area: 2 points

Max total = 20 points



# Project Prioritization

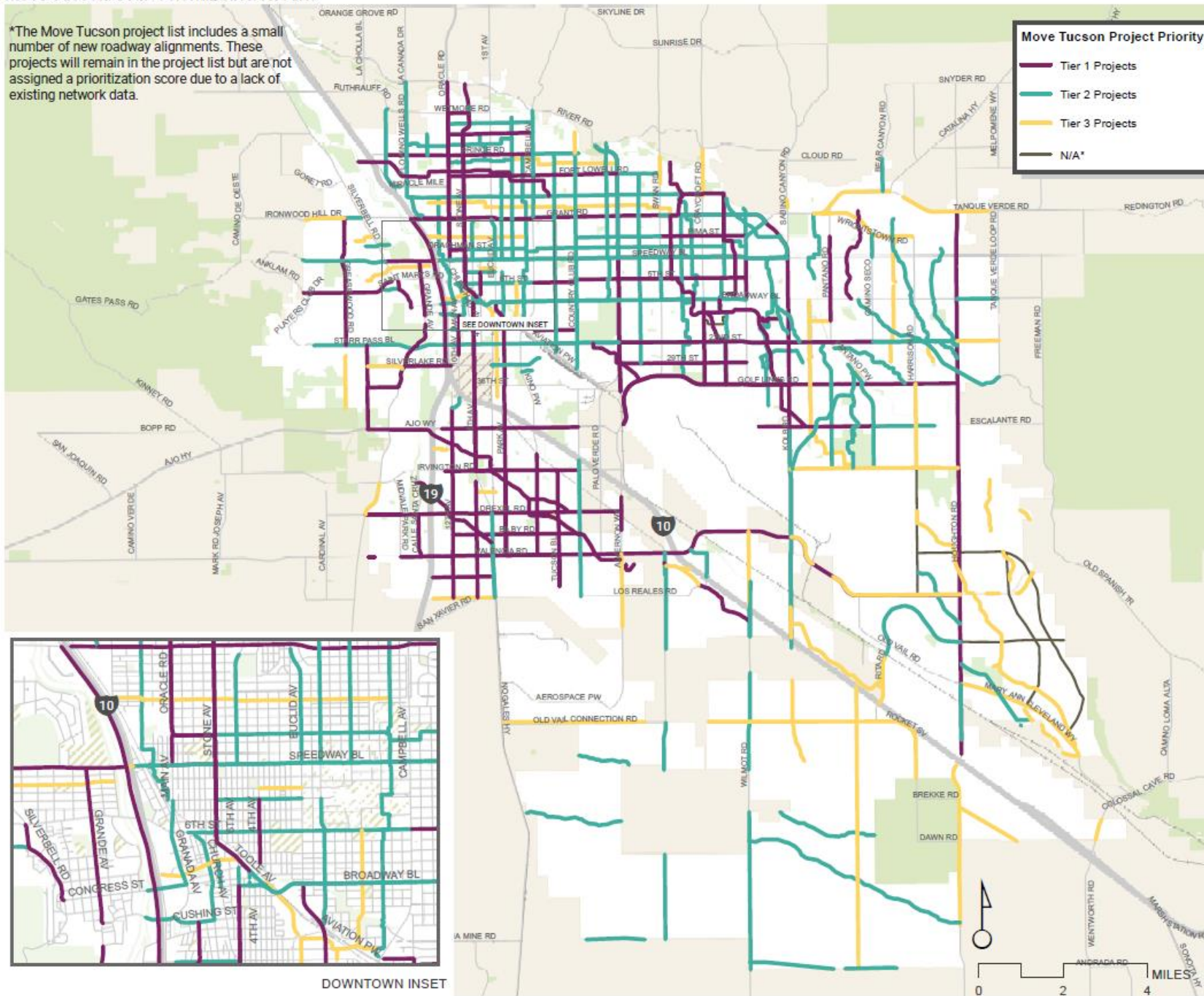
## PRIORITIZATION PROCESS

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## Move Tucson: Draft Prioritization Results

\*The Move Tucson project list includes a small number of new roadway alignments. These projects will remain in the project list but are not assigned a prioritization score due to a lack of existing network data.



## All Projects



# Project Types

## Network Improvements

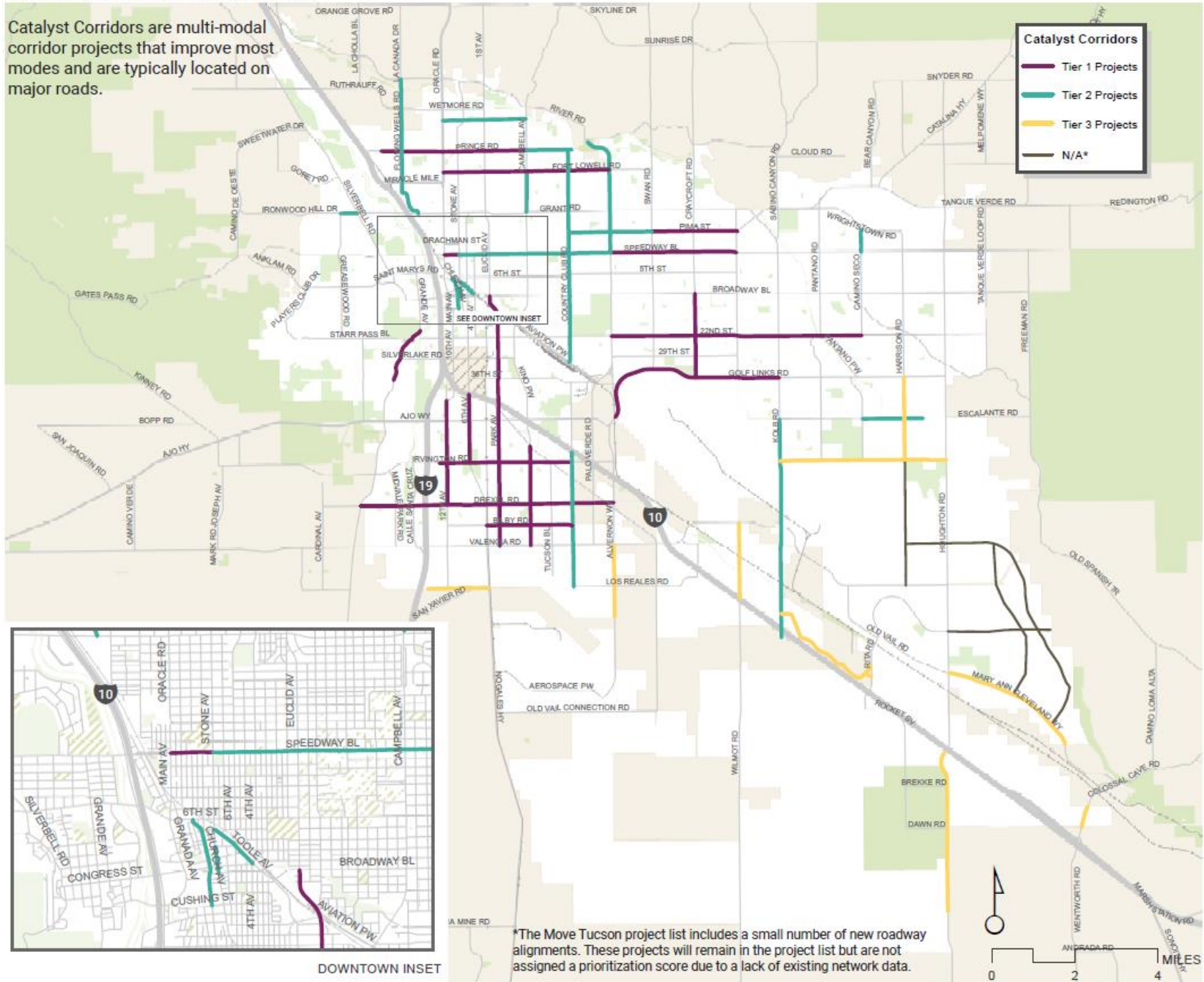
- **Catalyst Corridors** – Multimodal corridor projects; improves most modes
- **Strategic Solutions** – Smaller-scale projects, improves some modes
- **Local Connections** – Greenways, bike boulevards, sidewalk infill projects
- **High-Capacity Transit** – New bus rapid transit and streetcar corridors





Move Tucson: Draft Prioritization Results

Catalyst Corridors are multi-modal corridor projects that improve most modes and are typically located on major roads.



# Catalyst Corridors



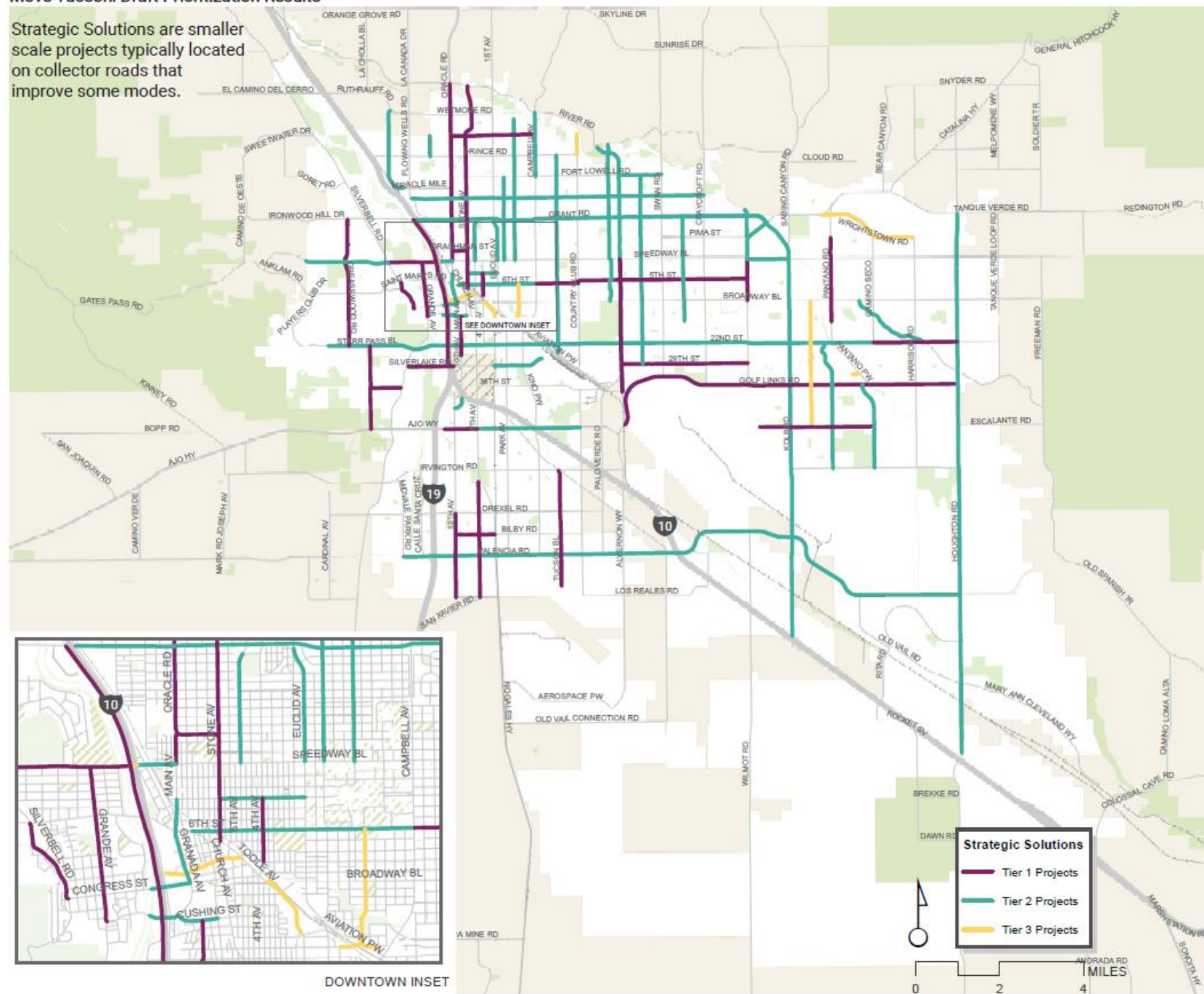


## **Project Example:** Drexel Road between Mission and Alvernon



## Move Tucson: Draft Prioritization Results

Strategic Solutions are smaller scale projects typically located on collector roads that improve some modes.



# Strategic Solutions



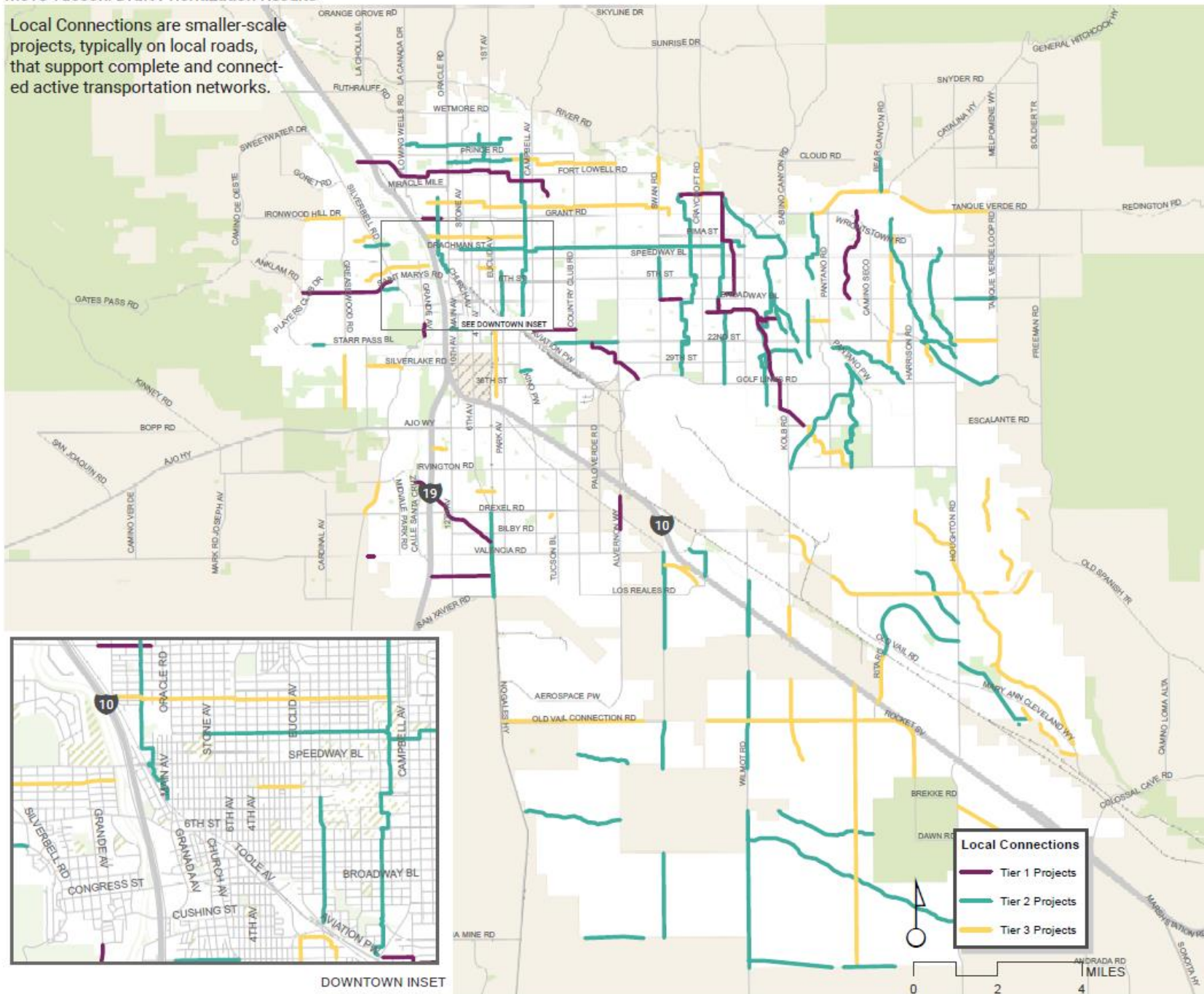




## **Project Example:** **N 6<sup>TH</sup> AVE from Grant to Speedway**

## Move Tucson: Draft Prioritization Results

Local Connections are smaller-scale projects, typically on local roads, that support complete and connected active transportation networks.



## Local Connections

- *Greenways*
- *Bike Boulevards*
- *Sidewalk infill projects*

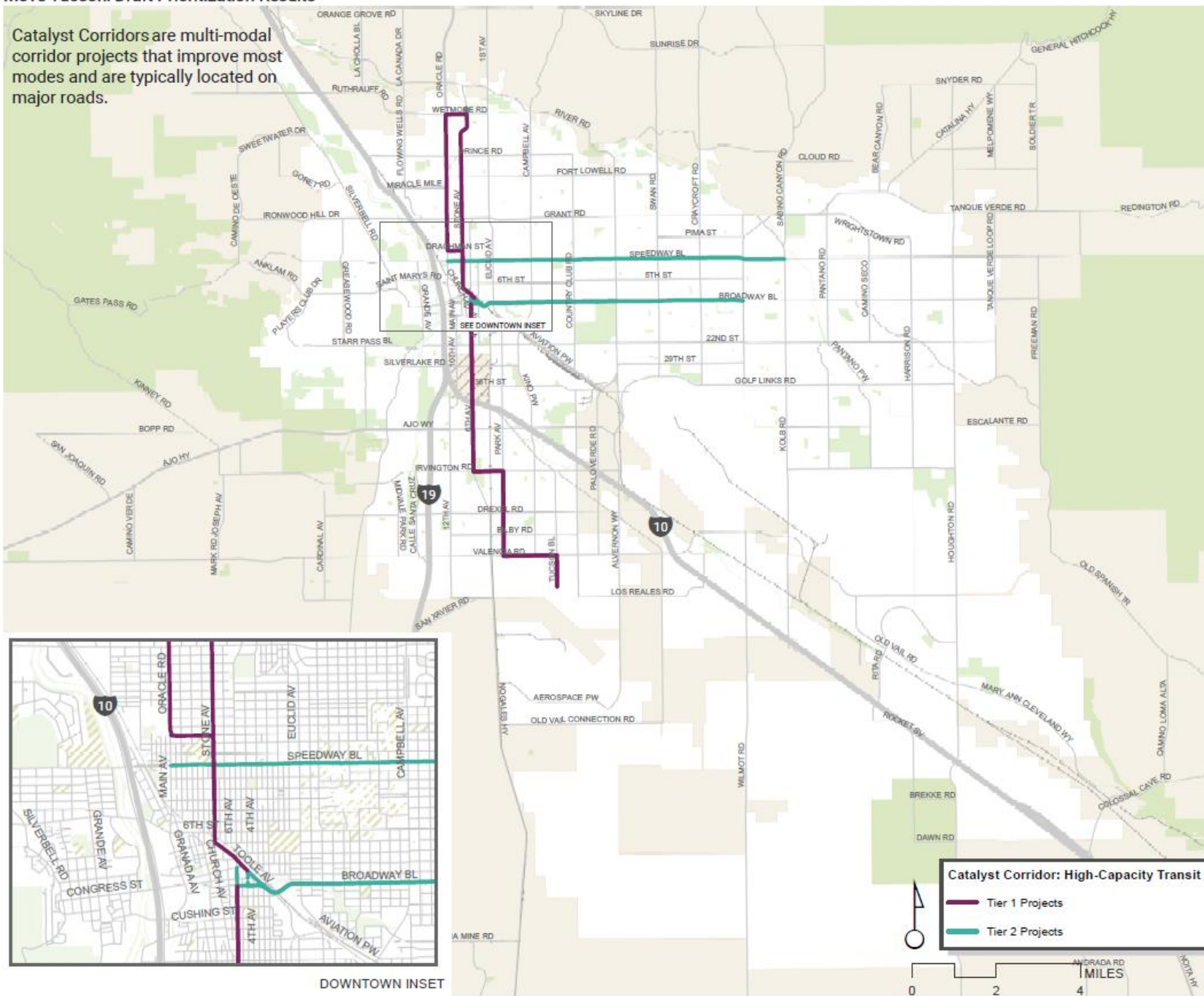


*Example greenway project*





Catalyst Corridors are multi-modal corridor projects that improve most modes and are typically located on major roads.



## High-Capacity Transit





# Draft Proposed System-wide Categories

## Identified need for investment in systemwide improvements

Category	Estimated Need
<b>Overall System Needs</b>	
Move Tucson Capital Projects	\$5 billion
ADA / Pedestrian Improvements	\$930 million
Traffic Signal Technology	\$55 million
Street Lighting Improvements	\$10 million
Pavement Repair and Preservation	\$1.1 billion
<b>20-year Program Funding</b>	
Transit Service Improvements	\$1.1 billion
Safety	\$60 million
Transportation Demand Management	\$10 million
Education and Encouragement	\$7 million
Shared Mobility	\$7 million



# Next Steps

## Request of Mayor & Council

*Seeking Mayor & Council feedback on the **Prioritized Project List** and direction to the project team to initiate public review of the ranked list and develop draft implementation plan.*

Pending direction:

- **June/July** – Public review and comment period for prioritized project list
- **August** – Finalize project list and draft implementation plan
- **September** – Return with **Draft Implementation Plan** for review by Mayor & Council and Complete Streets Coordinating Council
- **October** – Approve/Complete Move Tucson



# THANK YOU

Visit [MoveTucson.org](https://MoveTucson.org) for more information

